

Weekly report (2013.11.11~11.24)

Done

- 1) 11.11-14: prepare for the presentation at CAD/Graphics2013, also for the weekly seminar.
- 2) 11.15-20: **At HongKong for CAD/Graphics2013**. As far as I am concerned, it's my first international conference. The talk given by Prof. Zhou is very impressive. There are also many interesting work within the sessions of animation, visualization and CAD/interactive techniques. For instance, Long Zeng et.al. use sketch to search primitives used in modeling jewelry, thus helping artists to make the design. But because many papers are not very relevant to my area and my English listening ability has yet to be improved, I can understand only a limited number of work. Btw, It's also a memorable journey.
- 3) I have got my **TOEFL score, it's 89** and I plan to take one more test.
- 4) For my research, I still don't have a clear picture in my mind. The basic idea is unchanged, that is using graph or other "relation" techniques, together with sketch, to help exploring massive and complex data (e.g. social network and trading data), with parallel computing as a backup.
But it is difficult to get a specific idea (i.e. what kind of data, what kind of relation and what is the target).
As the first step of the research, I plan to implement the paper named "A Sketch-Based Interface for Classifying and Visualizing Vector Fields". This week, I have read the whole paper carefully. This paper uses many different techniques, so I plan to discuss with Prof. Zhang, to see if there exists any technological difficulty.
- 5) For the Meteorological Project, this week I spent some time to get familiar with Equalizer cause it's been a relatively long time since the last time I study Equalizer. More effort is needed for the data distribution and transmission.

To Do

- 1) Discuss with Prof. Zhang about the implementation of "A Sketch-Based Interface for Classifying and Visualizing Vector Fields".
- 2) Continue my work in the Meteorological Project.